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A P P E N D I X.

No. I.

CAPTAIN BAGNOLD'S STEAM CULINARY APPARATUS.

IN the last volume of the Transactions a description is given of Captain Bagnold's steam boiler, adapted to culinary purposes. The mode of securing the cover of the boiler having been omitted, that deficiency is supplied by the following description.

Plate XVII. fig. 3. *ii* the neck of the boiler, and *jj* the cover, shown in section. This cover has a groove or channel all round it, into which the neck *i* enters, and fits tight by means of a little cloth packing; *jj* the outer rim, and *kk* the inner rim; *ll* a bar which slides loosely in the staples *mm*; *n* a screw fitting loosely in a square hole in the bar *l*, and kept from falling out by the pin *o*; the screw *n* passes through a hole in the cover, and the nut *p* secures the lid tight down.

Fig. 4. An under or inside view of the neck, showing the staples *mm* and bar *ll*.